40. (Amended) A method as in claim 60, wherein methylprednisolone is released within a time period of 1 day to 45 days in a vascular environment.

41. (Amended) A method as in claim 60, wherein methylprednisolone is released within a time period of 7 days to 21 days in a vascular environment.

42. (Amended) A method as in claim 60, further comprising releasing at least one other substance in addition to methylprednisolone simultaneously with methylprednisolone release.

43. (Amended) A method as in claim 60, further comprising releasing at least one other substance in addition to methylprednisolone sequentially with methylprednisolone release.

45. (Amended) A method as in claim 60, wherein the releasing comprises delaying substantial release of methylprednisolone for at least one hour following implantation of the prosthesis.

46. (Amended) A method as in claim 45, wherein delaying release comprises slowing releasing methylprednisolone from a reservoir with a material that at least partially degrades in a vascular environment over said one hour.

47. (Amended) A method as in claim 45, wherein delaying release comprises slowing releasing methylprednisolone with a matrix that at least partially degrades in a vascular environment over said one hour.

48. (Amended) A method as in claim 45, wherein delaying release comprises slowing releasing methylprednisolone with a nondegradable matrix that allows diffusion of methylprednisolone through the nondegradable matrix after said one hour.

49. (Amended) A method as in claim 45, wherein delaying release comprises slowing releasing methylprednisolone with a rate limiting barrier that allows diffusion of methylprednisolone through the barrier after said one hour.

51. (Amended) A method as in claim 60, wherein the prosthesis incorporates methylprednisolone by coating, spraying, dipping, deposition, chemical bonding, or painting methylprednisolone on the prosthesis.

60. (New) A method for inhibiting restenosis in a blood vessel following recanalization of the blood vessel, said method comprising:

implanting a vascular prosthesis in the blood vessel; and

releasing methylprednisolone from the prosthesis into the blood vessel so as to inhibit smooth muscle cell proliferation.